DP-310145 (DEL01 P-456)

MOTOR VEHICLE BACK-UP SYSTEM

Abstract of the Disclosure

A back-up system for aiding a driver in backing a motor vehicle performs a number of functions when a motor vehicle is placed in a reverse direction. Initially, an image of an area at the rear of the motor vehicle provided by a camera is visually displayed on a monitor, which is positioned so as to be visually accessible by a driver of the motor vehicle. Then, a distance to an object that is within a path of the motor vehicle is sensed with a radar sensor. Next, a warning is provided when the object is within a predetermined collision distance. Finally, when the motor vehicle is placed in a forward direction, the display of the image on the monitor is discontinued.